

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3433005

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RONALD HO	05/26/2011
ZACH LLOYD	06/01/2011
JOSEPH BERCELI-WAIN	10/27/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOOGLE INC.
<b>Street Address:</b>	1600 AMPHITHEATRE PARKWAY
<b>City:</b>	MOUNTAIN VIEW
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94043
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14795679
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)235-9492
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	6179517000
<b>Email:</b>	christine.colbert@ropesgray.com
<b>Correspondent Name:</b>	ROPES & GRAY LLC
<b>Address Line 1:</b>	PRUDENTIAL TOWER-800 BOYLSTON STREET
<b>Address Line 2:</b>	IPRM DOCKETING 43RD FLOOR
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02199
<b>ATTORNEY DOCKET NUMBER:</b>	108827-1216-103
<b>NAME OF SUBMITTER:</b>	CHRISTINE M. COLBERT
<b>SIGNATURE:</b>	/Christine M. Colbert/
<b>DATE SIGNED:</b>	07/10/2015
<b>Total Attachments: 4</b>	
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## ASSIGNMENT AND AGREEMENT

For value received, we, Ronald Ho, of Fremont, in the County of Alameda, and State of California, Zach Lloyd, of Brooklyn, in the County of New York, and State of New York, Joseph Berceli-Wain, of New York, in the County of New York, and State of New York, do hereby sell, assign and transfer to Google Inc., a corporation of the State of Delaware, having an office at 1600 Amphitheatre Parkway, Mountain View, CA 94043 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **System and Method for Providing Online Data Management Services** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also hereby sell, assign and transfer to Google Inc., and its successors, assigns and legal representatives, the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Google Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Google Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Google Inc. in the United States and in all countries foreign to the United States, or to such nominees as Google Inc. may designate.

We agree that, when requested, we shall, without charge to Google Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 5/26/11

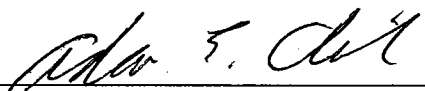
  
\_\_\_\_\_  
Ronald Ho

United States of America )

State of New York )

County of New York )

On this 26 day of May, 2011, before me personally came Ronald Ho, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

ADAM E. CLICK  
NOTARY PUBLIC, State of New York  
No. 01CL6149064  
Certificate Filed in New York County  
Commission Expires July 03, 2014

Date: 6/1/2011

Zach Lloyd

United States of America )

State of New York )

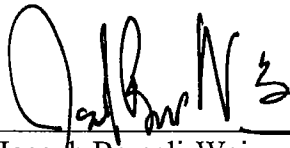
County of New York )

On this 1st day of June, 2011, before me personally came Zach Lloyd, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Adam E. Click  
Notary Public

ADAM E. CLICK  
NOTARY PUBLIC, State of New York  
No. 01CL6149064  
Certificate Filed in New York County  
Commission Expires July 03, 2017

Date: 27 October 2011

  
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Joseph Berceli-Wain